#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bowie G. Keefer et al.

**Application No.:** 10/671,750 **Filed:** September 26, 2003 Confirmation No.: 9355

ENHANCED SOLID OXIDE FUEL CELL

**SYSTEMS** 

Examiner: To be assigned

Art Unit: 1745

Attorney Reference No.: 6454-66999-01

MAIL STOP AMENDMENT COMMISSIONER FOR PATENTS P.O. BOX 1450 **ALEXANDRIA, VA 22313-1450** 

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Date Mailed February 21, 2005

#### TRANSMITTAL LETTER

Enclosed for filing in the application referenced above are the following:

- $\boxtimes$ Information Disclosure Statement Form 1449 and copies of non-U.S. references and publications cited thereon
- $\boxtimes$ The Director is hereby authorized to charge any fees that may be required, or credit overpayment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- $\boxtimes$ Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

Registration No. 34,420

One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, Oregon 97204

Telephone: (503) 226-7391 Facsimile: (503) 228-9446

WR:jam 02/21/05 6454-66999-01 352540

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for Applicant(s

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### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)(3)

MAIL STOP AMENDMENT COMMISSIONER FOR PATENTS P.O. BOX 1450 **ALEXANDRIA, VA 22313-1450** 

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A duplicate copy of this Information Disclosure Statement is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

Registration No. 34,420

One World Trade Center, Suite 1600

121 S.W. Salmon Street Portland, Oregon 97204 Telephone: (503) 226-7391 Facsimile: (503) 228-9446

# INFORMATION DISCLOSERES TATEMENT BY APPLICANT

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#### **U.S. PATENT DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Number	<b>Publication Date</b>	Name of Applicant or Patentee
	_	3,847,672	November 1974	Trocciola et al.
		3,865,924	February 1975	Gidaspow et al.
		4,532,192	July 1985	Baker et al.
		4,555,453	November 1985	Appleby
<u> </u>		4,595,642	June 1986	Nakanishi et al.
		4,759,997	July 1988	Ohyauchi et al.
		4,781,735	November 1988	Tagawa
		4,801,308	January 1989	Keefer
		4,816,121	March 1989	Keefer
		4,969,935	November 1990	Нау
		4,988,580	January 1991	Ohsaki et al.
		4,994,331	February 1991	Cohen
		5,068,159	November 1991	Kinoshita
		5,175,061	December 1992	Hildebrandt et al.
<u></u>		5,245,110	September 1993	Van Dijk et al.
		5,328,503	July 1994	Kumar
		5,366,818	November 1994	Wilkinson et al.

EXAMINER DATE CONSIDERED:

<sup>\*</sup> Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		5,411,578	May 1995	Watson
		5,434,016	July 1995	Benz et al.
		5,523,326	June 1996	Dandekar et al.
		5,543,238	August 1996	Strasser
		5,604,047	February 1997	Bellows et al.
		5,645,950	July 1997	Benz et al.
		5,711,926	January 1998	Knaebel
		5,714,276	February 1998	Okamoto
		5,811,201	September 1998	Skowronski
		5,900,329	May 1999	Reiter et al.
		5,917,136	June 1999	Gaffney et al.
		5,980,857	November 1999	Kapoor et al.
		6,045,933	April 2000	Okamoto
		6,056,804	May 2000	Keefer et al.
		6,176,897	January 2001	Keefer
		6,190,623	February 2001	Sanger et al.
<del>-</del>		6,190,791	February 2001	Hornburg

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Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		6,283,723	September 2001	Milburn et al.
<u> </u>		6,312,843	November 2001	Kimbara et al.
		6,358,300	March 2002	Fornof et al.
		6,667,128	December 2003	Edlund

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		Canada	1,256,038	June 1989	
		Canada	2,016,045	August 1994	
		Canada	2,087,972	January 2000	
	<u> </u>	Canada	2,087,973	January 2000	
		Canada	2,109,055	February 2000	
		Europe	EP 0 143 537 A2	June 1985	
		Europe	EP 0 341 189 A1	August 1989	
		Europe	EP 0 143 537 B1	March 1990	
_		Europe	EP 0 681 860 A2	July 1996	

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Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		Europe	EP 0 691 701 A1	October 1996	
		Europe	EP 1 070 531 A2	January 2001	
		Germany	DE 3913581 A1	November 1990	
		Japan (Abstract)	JP 62 278770	March 1987	
		Japan (Abstract)	JP 63 166137	November 1987	
		Japan (English Translation)	JP 63 228572 A	September 1988	
		Japan (English Translation)	JP 04206161 A	July 1992	
		Japan (English Translation)	JP 05 166528	July 1993	
		Japan (Abstract)	JP 07 094200	July 1995	
		Japan (Abstract)	JP 80 45526 A2	February 1996	
		Japan (Abstract)	JP 10 027621 A	January 1998	
		Japan (Abstract)	JP 11 214021 A2	August 1999	
		WIPO/PCT	WO 96/13871	May 1996	
		WIPO/PCT	WO 99/01202	January 1999	
		WIPO/PCT	WO 99/19249	April 1999	
		WIPO/PCT	WO 99/46032	September 1999	
		WIPO/PCT	WO 00/76630	December 2000	

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	WIPO/PCT WIPO/PCT	WO 01/47050	June 2001		
	WIPO/PCT		i :		
		WO 02/45821	June 2002		
Cite No. optional)	OTHER DOCUMENTS				
	Carvill et al., AIChE J. 42(10):2765-2772, 1996				
	Chatsiriwech et	al., Catalysis Today	20:351-366, 1994		
	Ding et al., Chemical Engineering Science 55:3461-3474, 2000				
	Ding et al., Cher	nical Engineering S	cience 55:3929-3940, 2	000	
	Hufton et al., Al	ChE J. 45(2):248-25	56, 1999		
	Iyuke et al., Che	mical Engineering S	Science 55:4745-4755, 2	2000	
	Vaporciyan and	Kadiec, AIChE J. 3	5:831-844, 1989		
	International Se	arch Report from Int	ernational Application	No. PCT/CA99/00823	
	International Se	arch Report from Int	ernational Application	No. PCT/CA02/00368	
		Carvill et al., Ale Chatsiriwech et Ding et al., Cher Ding et al., Cher Hufton et al., Ale Iyuke et al., Che Vaporciyan and International Sea	Carvill et al., AIChE J. 42(10):2765  Chatsiriwech et al., Catalysis Today  Ding et al., Chemical Engineering S  Ding et al., Chemical Engineering S  Hufton et al., AIChE J. 45(2):248-25  Iyuke et al., Chemical Engineering S  Vaporciyan and Kadiec, AIChE J. 33  International Search Report from In	Carvill et al., AIChE J. 42(10):2765-2772, 1996  Chatsiriwech et al., Catalysis Today 20:351-366, 1994	

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